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PTO/SB/01 (10-00)

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration Submitted With Initial Filing  
OR  
☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	246/274 (CONEXANT 99RSS239)
First Named Inventor	Berggren
<b>COMPLETE IF KNOWN</b>	
Application Number	09/728,351
Filing Date	Nov. 30, 2000
Group Art Unit	Unknown
Examiner Name	Unknown

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PHASE NOISE TRACKER WITH A DELAYED ROTATOR**

the specification of which  
(Title of the invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) **11/30/2000** as United States Application Number or PCT International

Application Number **09/728,351** and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
NONE			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
NONE		

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## DECLARATION — Utility or Design Patent Application

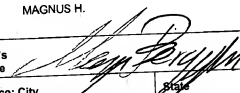
Direct all correspondence to: ☒ Customer Number or Bar Code Label ☐ OR ☐ Correspondence address below

Name				LYON & LYON LLP			
Address				Suite 4700			
Address				633 West Fifth Street			
City		State		ZIP			
Los Angeles		CA		90071			
Country		Telephone		Fax			
US		949-567-2300 OR 213-489-1600		949-567-6600 OR 213-955-0440			

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name		MAGNUS H.		Family Name or Surname		BERGGREN	
Inventor's Signature				Date		5/10/01	
Residence: City		State		Country		Citizenship	
San Diego		CA		USA			

Mailing Address 3850 Riviera Drive, #1D

Mailing Address		City		State		ZIP		Country	
		San Diego		CA		92109		USA	

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name		PRANESH		Family Name or Surname		SINHA	
Inventor's Signature				Date			
Residence: City		State		Country		Citizenship	

Mailing Address

Mailing Address		City		State		ZIP		Country	

☐ Additional Inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → ☒

PTO/SB/01 (10-00)

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☒ Customer Number or Bar Code Label 22249 OR ☐ Correspondence address below

Name LYON &amp; LYON LLP

Address Suite 4700

Address 633 West Fifth Street

City

Los Angeles

State

CA

ZIP

90071

Country

US

Telephone

949-567-2300 OR 213-489-1600

Fax

949-587-6600 OR 213-955-0440

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given

Name

MAGNUS H.

Family Name  
or Surname

BERGGREN

Inventor's  
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

Mailing Address

City

State

ZIP

Country

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given

Name

PRANESH

Family Name  
or Surname

SINHA

Inventor's  
Signature

Date

5/22/01

Residence: City

San Diego

State

CA

Country

USA

Citizenship

India

Mailing Address

14821 Summerbreeze Way

Mailing Address

City

San Diego

State

CA

ZIP

92128

Country

USA

☐ Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



**POWER OF ATTORNEY  
By Assignee**

CONEXANT SYSTEMS, INC., assignee(s) of the application for United States Letters Patent for an improvement in

**PHASE NOISE TRACKER WITH A DELAYED ROTATOR**  
by Magnus H. Berggren and Pranesh Sinha,

the specification of which:

- ☐ is filed herewith, OR  
☒ was filed on November 30, 2000, having U.S. Patent Application Serial No. 09/728,351,

does hereby appoint as its attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners identified by Customer Number 22249:



**22249**

PATENT TRADEMARK OFFICE

**LYON & LYON LLP**  
Suite 4700  
633 W. Fifth Street  
Los Angeles, CA 90071  
(213) 489-1600

Please send all correspondence to the attention of David E. Wang, at the above Customer Number, and direct all telephone calls to **(949) 567-2177**.

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee(s), which:

- ☐ is filed for recordation herewith; or  
☐ was recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_; or  
☒ has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

Full Name of Assignee: <u>Conexant Systems, Inc.</u>	
Post Office Address: <u>4311 Jamboree Road, Newport Beach, CA 92660-3095</u>	
Signature of Declarant or Assignee: 	Date: <u>4/10/2001</u>
Full Name of Declarant If Other Than Assignee: <u>Daniel N. Yannuzzi</u>	
Title of Declarant: <u>Vice President and Chief IP Counsel</u>	
Address of Declarant: <u>Conexant Systems, Inc., 4311 Jamboree Road, Newport Beach, CA 92660-3095</u>	

**ASSIGNMENT**

WHEREAS, we, MAGNUS H. BERGGREN, residing at USA  
\_\_\_\_\_, a citizen of Sweden, and PRANESH SINHA,  
\_\_\_\_\_, a citizen of \_\_\_\_\_,  
residing at \_\_\_\_\_,  
\_\_\_\_\_, respectively (hereinafter referred to as "ASSIGNORS"), have invented  
and own a certain invention entitled "PHASE NOISE TRACKER WITH A DELAYED  
ROTATOR," for which application for Letters Patent of the United States of America has  
been made on November 30, 2000 and assigned serial no. 09/728,351; and

WHEREAS, **CONEXANT SYSTEMS, INC.**, a corporation organized and  
existing under and by virtue of the laws of the State of Delaware and having its principal  
place of business at 4311 Jamboree Road, Newport Beach, California 92660-3095  
(hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right,  
title and interest in, to and under said invention and in, to and under Letters Patent or  
similar legal protection to be obtained therefor in the United States of America, its  
territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of  
which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over  
unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title  
and interest to said invention and to all Letters Patent or similar legal protection, not  
only in the United States and its territorial possessions, but in all countries foreign  
thereto, to be obtained for said invention by said application or any continuation,  
division, renewal, substitute or reissue thereof or any legal equivalent thereof in a

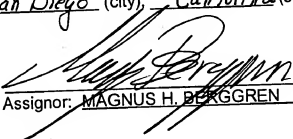
COPY

foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the Commissioner for Patents to issue said Letters Patent and any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon request of ASSIGNEE, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its designated legal representative any and all papers, instruments, declarations or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at San Diego (city), California (state), this  
10<sup>th</sup> day of May, 2001.

  
Assignor: MAGNUS H. BERGGREN

STATE OF CALIFORNIA

COUNTY OF San Diego

On May 10, 2001, before me, Suzanne Mobley,  
a Notary Public in the state and county aforesaid, personally appeared MAGNUS H.  
BERGGREN personally known to me

- OR -

~~proved to me on the basis of satisfactory evidence to be the person(s) whose~~  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument.



Suzanne Mobley  
Notary Public in and for  
said County and State

WITNESS my hand at \_\_\_\_\_ (city), \_\_\_\_\_ (state), this

\_\_\_\_\_ day of \_\_\_\_\_, 2001.

Assignor: PRANESH SINHA

STATE OF CALIFORNIA

COUNTY OF \_\_\_\_\_

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_,  
a Notary Public in the city and state aforesaid, personally appeared PRANESH SINHA  
personally known to me

- OR -

~~proved to me on the basis of satisfactory evidence to be the person(s) whose~~  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public in and for  
said County and State

**ASSIGNMENT**

WHEREAS, we, MAGNUS H. BERGGREN, residing at \_\_\_\_\_  
\_\_\_\_\_, a citizen of \_\_\_\_\_, and PRANESH SINHA,  
residing at 14821 Summerbreeze Way, San Diego, CA 92128, a citizen of India,  
\_\_\_\_\_, respectively (hereinafter referred to as "ASSIGNORS"), have invented  
and own a certain invention entitled "PHASE NOISE TRACKER WITH A DELAYED  
ROTATOR," for which application for Letters Patent of the United States of America has  
been made on November 30, 2000 and assigned serial no. 09/728,351; and

WHEREAS, **CONEXANT SYSTEMS, INC.**, a corporation organized and  
existing under and by virtue of the laws of the State of Delaware and having its principal  
place of business at 4311 Jamboree Road, Newport Beach, California 92660-3095  
(hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right,  
title and interest in, to and under said invention and in, to and under Letters Patent or  
similar legal protection to be obtained therefor in the United States of America, its  
territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of  
which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over  
unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title  
and interest to said invention and to all Letters Patent or similar legal protection, not  
only in the United States and its territorial possessions, but in all countries foreign  
thereto, to be obtained for said invention by said application or any continuation,  
division, renewal, substitute or reissue thereof or any legal equivalent thereof in a



foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the Commissioner for Patents to issue said Letters Patent and any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon request of ASSIGNEE, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its designated legal representative any and all papers, instruments, declarations or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at \_\_\_\_\_ (city), \_\_\_\_\_ (state), this  
\_\_\_\_ day of \_\_\_\_\_, 2001.

Assignor: MAGNUS H. BERGGREN

STATE OF CALIFORNIA )

COUNTY OF \_\_\_\_\_ ) ss

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_,  
a Notary Public in the state and county aforesaid, personally appeared MAGNUS H.  
BERGGREN personally known to me

- OR -

proved to me on the basis of satisfactory evidence to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public in and for  
said County and State

WITNESS my hand at San Diego (city), CA (state), this

22<sup>nd</sup> day of May, 2001.

Assignor: PRANESH SINHA

STATE OF CALIFORNIA )

COUNTY OF San Diego ) ss

On May 22, 2001, before me, Suzanne Mobley,  
a Notary Public in the city and state aforesaid, personally appeared PRANESH SINHA  
personally known to me

- OR -

proved to me on the basis of satisfactory evidence to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by  
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of  
which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Suzanne Mobley  
Notary Public in and for  
said County and State

